

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|---------|------------------|
| S1 | 1150 | (aqueous or water with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6ethyl \$2pyrrolidone or \$6cyclohexyl \$2pyrrolidone)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:08 |
| S2 | 933 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6ethyl \$2pyrrolidone or \$6cyclohexyl \$2pyrrolidone)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:08 |
| S3 | 84 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6ethyl \$2pyrrolidone or \$6cyclohexyl \$2pyrrolidone)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:09 |
| S4 | 0 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6ethyl \$2pyrrolidone with \$6cyclohexyl \$2pyrrolidone)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:10 |
| S5 | 0 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6cyclohexyl \$2pyrrolidone)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:10 |
| S6 | 3 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same5 (\$6cyclohexyl \$2pyrrolidone)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:11 |
| S7 | 2 | US-20050043467-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:12 |

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| S8 | 8325 | 524/589.ccls. or 524/591.ccls. or 252/182.2.ccls. or 252/182.21.ccls. or 252/182.22.ccls. or 548/335.1.ccls. or 548/951.ccls. or 548/952.ccls. or 540/200.ccls. or 540/201.ccls. or 540/202.ccls. or 544/222.ccls. or 560/25.ccls. or 560/26.ccls. or 560/115.ccls. or 560/158.ccls. or 558/260.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:18 |
| S9 | 248 | S8 and S2 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:18 |
| S10 | 1 | S9 and \$6cyclohexyl\$2pyrrolidone | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:19 |
| S11 | 1254 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) same12 (\$6ethyl \$2pyrrolidone or \$6cyclohexyl \$2pyrrolidone)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:19 |
| S12 | 15 | S11 and \$6cyclohexyl \$2pyrrolidone | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:20 |
| S13 | 38 | cesium and \$6cyclohexyl \$2pyrrolidone | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:58 |
| S14 | 7 | cesium and \$6cyclohexyl \$2pyrrolidone and polyurethane | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:58 |
| S15 | 886 | (cesium with catalyst) and polyurethane | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 07:59 |

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|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S16 | 481 | (cesium with catalyst) and polyurethane and \$9isocyanate and (polyol or diol) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 08:00 |
| S17 | 180 | (cesium with catalyst) and polyurethane and \$9isocyanate and (polyol or diol) and aqueous | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 08:00 |
| S18 | 154 | (cesium with catalyst) and polyurethane and \$9isocyanate and (polyol or diol) and aqueous and solvent | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 08:00 |
| S19 | 51 | (cesium with catalyst) and polyurethane and \$9isocyanate and (polyol or diol) and aqueous and solvent and (\$6ethyl\$4pyrrolidone or \$6cyclohexyl\$4pyrrolidone) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 08:01 |
| S20 | 9 | "4731262" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:52 |
| S21 | 102 | ((aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) and (\$6ethyl\$2pyrrolidone or \$6cyclohexyl\$2pyrrolidone)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:54 |
| S22 | 15427 | (\$6ethyl\$4pyrrolidone or \$6cyclohexyl\$4pyrrolidone) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:55 |
| S23 | 2526 | (aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:55 |
| S24 | 127 | S22 and S23 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:56 |
| S25 | 127 | S22 and S23 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:56 |

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| S26 | 85442 | (\$6ethyl\$4pyrrolidone or \$6cyclohexyl\$4pyrrolidone) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:57 |
| S27 | 16434 | (aqueous or water) with dispers \$5) and polyurethane and (\$7isocyanate same5 (polyol or diol) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:57 |
| S28 | 2681 | S26 and S27 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:57 |
| S29 | 64 | (\$6ethyl\$4pyrrolidone and \$6cyclohexyl\$4pyrrolidone) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:59 |
| S30 | 0 | S29 and S23 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:59 |
| S31 | 133 | (\$6cyclohexyl\$4pyrrolidone) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:59 |
| S32 | 0 | S31 and S23 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 11:59 |
| S33 | 1485 | (\$6cyclohexyl\$4pyrrolidone) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 12:00 |
| S34 | 45 | S33 and S27 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 12:00 |
| S35 | 24 | (\$6ethyl\$4pyrrolidone same5 aprotic same5 solvent) and polyurethane | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:34 |
| S36 | 1533 | (\$6ethyl\$4pyrrolidone same5 aprotic same5 solvent) and polyurethane | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:34 |

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|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S37 | 4 | S35 and catalyst | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:35 |
| S38 | 1 | S37 and (water or aqueous) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:36 |
| S39 | 983 | (\$6ethyl\$4pyrrolidone same5 aprotic same5 solvent) and polyurethane and catalyst and (aqueous or water) and (cesium or "Cs ") | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:38 |
| S40 | 661 | (\$6ethyl\$4pyrrolidone same5 aprotic same5 solvent) and polyurethane and ((aqueous or water) same5 catalyst same5 (cesium or "Cs ")) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:39 |
| S41 | 614 | (\$6ethyl\$4pyrrolidone same aprotic same solvent) and polyurethane and ((aqueous or water) same5 catalyst same5 (cesium or "Cs ")) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:40 |
| S42 | 297 | (\$6ethyl\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 catalyst same5 (cesium or "Cs "))) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:40 |
| S43 | 214 | (\$6ethyl\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 catalyst same5 (cesium or "Cs "))) and \$12isocyanate and (polyol or diol) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:41 |
| S44 | 124 | (\$6ethyl\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or "Cs "))) and \$12isocyanate and (polyol or diol) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:42 |
| S45 | 17 | (\$6ethyl\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or "Cs "))) and \$12isocyanate and (polyol or diol) and ink | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:42 |

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|-----|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S46 | 56 | (\$6ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or "Cs ")))) and \$12isocyanate and (polyol or diol) and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:43 |
| S47 | 56 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or "Cs ")))) and \$12isocyanate and (polyol or diol) and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:45 |
| S48 | 56 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or " Cs ")))) and \$12isocyanate and (polyol or diol) and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:47 |
| S49 | 56 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium or " Cs ")))) and \$12isocyanate and (polyol or diol) and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:48 |
| S50 | 0 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium)))) and \$12isocyanate and (polyol or diol) and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:49 |
| S51 | 0 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (polyurethane same5 ((aqueous or water) same5 (catalyst same (cesium)))) and \$12isocyanate and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:50 |
| S52 | 5 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (((aqueous or water) same5 (catalyst same (cesium)))) and \$12isocyanate and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:50 |
| S53 | 1 | (\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (((aqueous or water) same5 (catalyst same (cesium)))) and \$6urethane and paper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:51 |

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|-----|-----|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S54 | 105 | ("\$6"ethyl"\$4pyrrolidone same aprotic same solvent) and (((aqueous or water) same5 (catalyst same (cesium)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:52 |
| S55 | 68 | ("\$6"ethyl"\$4pyrrolidone same aprotic same solvent) same (catalyst same (cesium)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:53 |
| S56 | 0 | ("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent same (catalyst same (cesium)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:55 |
| S57 | 123 | ("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:55 |
| S58 | 0 | ((("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent) and (cesium with catalyst) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:55 |
| S59 | 33 | ((("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent) and \$7urethane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:56 |
| S60 | 38 | ((("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent) and cesium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:57 |
| S61 | 55 | ((("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic same solvent) and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:58 |
| S62 | 35 | ((("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") with aprotic with solvent) and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 13:59 |

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|-----|-----|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S63 | 12 | "4757095" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 14:08 |
| S64 | 123 | (("1-ethyl-2-pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic with solvent) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 14:08 |
| S65 | 113 | (("ethyl\$2pyrrolidone" or "N-ethyl-2-pyrrolidone") same aprotic with solvent) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 14:12 |
| S66 | 74 | (("ethylpyrrolidone") same aprotic with solvent) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/20 14:19 |
| S67 | 750 | ((aqueous or water) with dispers \$5) and polyurethane and \$12pyrrolidone | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 14:59 |
| S68 | 750 | ((aqueous or water) with dispers \$5) and polyurethane and \$18pyrrolidone | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 14:59 |
| S69 | 750 | ((aqueous or water) with dispers \$5) and polyurethane and \$28pyrrolidone | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 14:59 |
| S70 | 277 | ((aqueous or water) with dispers \$5) and polyurethane and N \$28pyrrolidone | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 14:59 |
| S71 | 277 | ((aqueous or water) with dispers \$5) and polyurethane and N \$48pyrrolidone | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:00 |
| S72 | 66 | ((aqueous or water) with dispers \$5) and polyurethane and (N \$48pyrrolidone same5 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:00 |
| S73 | 63 | ((aqueous or water) with dispers \$5) and polyurethane and (N \$48ethyl\$12pyrrolidone same5 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:02 |

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|-----|-------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S74 | 0 | ((aqueous or water) with dispers\$5) and polyurethane and (N\$48cyclohexyl\$12pyrrolidone same5 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:02 |
| S75 | 0 | ((aqueous or water) with dispers\$5) and polyurethane and (N\$48cyclohexyl\$12pyrrolidone same10 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:02 |
| S76 | 90 | ((aqueous or water) with dispers\$5) and (N\$48ethyl\$12pyrrolidone same5 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:03 |
| S77 | 2 | ((aqueous or water) with dispers\$5) and polyurethane and (ethyl\$12pyrrolidone same5 polyisocyanate) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:06 |
| S78 | 40 | ((aqueous or water) with dispers\$5) and polyurethane and (ethyl\$12pyrrolidone same5 polyisocyanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:07 |
| S79 | 15 | ("4597794" "5221334" "5330841" "5519085" "5652300" "5700867").PN. OR ("5969002").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:37 |
| S80 | 8 | S79 and \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:38 |
| S81 | 13 | "5332784" and \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:43 |
| S82 | 11950 | dispers\$5 and polyisocyanate and \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:48 |
| S83 | 31796 | dispers\$5 and \$5isocyanate and \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:48 |
| S84 | 1288 | (dispers\$5 with \$5isocyanate) same5 \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:49 |
| S85 | 274 | (dispers\$5 with \$5isocyanate) same \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:49 |
| S86 | 124 | (dispers\$5 with \$5isocyanate) with \$9pyrrolidone | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 15:49 |
| S87 | 189 | (dispers\$5 with \$5isocyanate) with \$9pyrrolidone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:49 |
| S88 | 48 | ((dispers\$5 with \$5isocyanate) with \$9pyrrolidone) and ink | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:50 |

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|------|-------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S89 | 0 | ((dispers\$5 with \$5isocyanate) with \$5ethylpyrrolidone) and ink not methylpyrrolidone | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:52 |
| S90 | 1 | ((dispers\$5 with \$5isocyanate) with "ethylpyrrolidone") and ink | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:53 |
| S91 | 50 | ((dispers\$5) and \$5isocyanate) and "ethylpyrrolidone" and ink | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:53 |
| S92 | 11 | ((dispers\$5) same5 \$5isocyanate) Same5 "ethylpyrrolidone") and ink | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:54 |
| S93 | 2 | US-20050265389-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:57 |
| S94 | 2 | US-20050075470-\$.did. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 15:58 |
| S95 | 0 | "5332784" and \$9ethyle \$3pyrrolidone | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:03 |
| S96 | 10388 | dispers\$5 and \$5isocyanate and \$9ethyl\$3pyrrolidone | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:03 |
| S97 | 163 | dispers\$5 and \$5isocyanate and ethyl\$3pyrrolidone | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:04 |
| S98 | 62 | dispers\$5 same5 \$5isocyanate same5 ethyl\$3pyrrolidone | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:04 |
| S99 | 81 | (dispers\$5 same5 \$5isocyanate) and (dispers\$5 same5 ethyl \$3pyrrolidone) | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:35 |
| S100 | 19 | S99 not S98 | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:35 |
| S101 | 100 | (dispers\$5 same5 \$5isocyanate) and (dispers\$5 same5 (ethyl \$3pyrrolidone or "1-ethyl-2-pyrrolidone" or "N-ethylpyrrolidone" or NEP)) | US_PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:38 |

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|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S102 | 77 | (dispers\$5 same5 \$5isocyanate) and (dispers\$5 same5 (ethyl \$3pyrrolidone or "1-ethyl-2-pyrrolidone" or "N-ethylpyrrolidone" or NEP)) and (\$5isocyanate same5 (ethyl \$3pyrrolidone or "1-ethyl-2-pyrrolidone" or "N-ethylpyrrolidone" or NEP)) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:39 |
| S103 | 1163 | hydrazine and inkjet | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:48 |
| S104 | 123 | hydrazine and inkjet and \$5isocyanate and polyol | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:49 |
| S105 | 114 | S104 and dispers\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:49 |
| S106 | 114 | S105 and (water or aqueous) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:49 |
| S107 | 96 | S105 and (water or aqueous) and anionic | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:54 |
| S108 | 89 | S105 and (water or aqueous) and anionic and carboxylic | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 16:54 |
| S109 | 0 | S105 and (water or aqueous) and anionic and carboxylic | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 16:54 |
| S110 | 128 | hydrazine and inkjet and \$5isocyanate and polyol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 16:54 |
| S111 | 5 | hydrazine and inkjet and \$5isocyanate and polyol | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 16:55 |
| S112 | 1 | US-20030195291-\$.did. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:00 |
| S113 | 76 | ((aqueous or water) with dispers\$5) and \$5isocyanate and (ethyl \$12pyrrolidone same5 \$5isocyanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/04/25 17:29 |
| S114 | 80 | ((aqueous or water) with dispers\$5) and \$5isocyanate and (ethyl \$12pyrrolidone same5 \$5isocyanate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:29 |

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| S115 | 65 | ((catalyst same2 ethyl \$12pyrrolidone) same5 \$5isocyanate) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:51 |
| S116 | 8 | ((catalyst with ethyl \$12pyrrolidone) same5 \$5isocyanate) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:52 |
| S117 | 57 | S115 not S116 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:53 |
| S118 | 48 | ((catalyst same2 ethyl \$12pyrrolidone) same5 \$5isocyanate) and dispers\$6 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:54 |
| S119 | 103 | ((ethyl\$12pyrrolidone) same5 \$5isocyanate) and dispers\$6 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:57 |
| S120 | 57 | S119 not S118 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 17:57 |
| S121 | 117 | ((ethyl\$12pyrrolidone) same12 \$5isocyanate) and dispers\$6 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 18:01 |
| S122 | 60 | S121 not S120 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 18:01 |
| S123 | 21 | S122 and (print\$5 or ink\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 18:01 |

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| S124 | 57 | ((ethyl\$12pyrrolidone) and \$5isocyanate) and ink\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/25 18:04 |
| S125 | 2156 | "N-ethyl-2-pyrrolidone" or "1-ethyl-2-pyrrolidone" or "N-ethylpyrrolidone" or "N-ethylpyrrolidone" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/05 10:02 |
| S126 | 1166 | S125 and (solvent same5 reaction) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/05 10:03 |
| S127 | 198 | S125 and (solvent same5 reaction same5 \$5isocyanate) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/05 10:03 |
| S128 | 107 | S125 and (solvent same reaction same \$5isocyanate) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/05 10:04 |
| S129 | 9 | ("3880797" "3993619" "4507407" "4751254" "5919846").PN. OR ("6455611").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2011/05/05 10:06 |
| S130 | 91 | S127 not S128 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/05 10:10 |

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